PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

		ey Docket No.	K5675.0034/P034							
UTILITY	First I	nventor	Jong W. Ki		C					
PATENT APPLICATION			OUCTION METHOD FOR THREE-							
TRANSMITTAL	Title		AL MICRO STRUCTURE HAVING							
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Evan	HIGH ASPEC	RATIO		σ. Ξ					
	Expre	ss Mail Label No.			- 0					
APPLICATION ELEMENTS			Commissi	t Application ioner for Patents	22856					
See MPEP chapter 600 concerning utility patent application co	ntents.	ADDRESS T	P.O. Box	1450	22					
				a, VA 22313-1450						
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)			и or CD-R in dupl er Program <i>(App</i> e	licate, large table or endix)						
2. X Applicant claims small entity status. See 37 CFR 1.27.			nd/or Amino Acid all necessary)	Sequence Submission						
3. X Specification [Total Pages 22	2 1	`—	• • • • • • • • • • • • • • • • • • • •	orm (CRF)						
(preferred arrangement set forth below)	,	b. Specification Sequence Listing on:								
Descriptive title of the invention Cross Reference to Related Applications										
 Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, 										
or a computer program listing appendix - Background of the Invention	c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS									
Brief Summary of the Invention Brief Description of the Drawings (if filed)	- Brief Summary of the Invention									
- Detailed Description - Claim(s)	- Detailed Description			9. X Assignment Papers (cover sheet & document(s))						
- Abstract of the Disclosure			3.73(b) Statemen ere is an assigne							
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 1	4]	11. English	Translation Docur	ment (if applicable)						
5. Oath or Declaration [Total Sheets]	12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations									
a. X Newly executed (original or copy)	13. Preliminary Amendment									
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)									
i. DELETION OF INVENTOR(S)	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)									
Signed statement attached deleting inventor(s) named in the prior application,	Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i)									
see 37 CFR 1.63(d)(2) and 1.33(b).	Applicant must attach form PTO/SB/35 or its equivalent. 17. X Other: Claim for Priority									
6. Application Data Sheet. See 37 CFR 1.76		🛆 •		•						
18. If a CONTINUING APPLICATION, check appropriate box,	and supp	ly the sequinite inform	otion below and	in the first and a second						
specification following the title, or in an Application Data Sheet	under 37	CFR 1.76:	iauon below and i	in the first sentence of the						
Continuation Divisional Continuation	ı-in-part (CIP) of prior applica	ation No.:							
Prior application information: Examiner										
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by										
reference. The incorporation can only be relied upon when a p	ortion ha	been inadvertently o	mitted from the s	submitted application parts.						
19. COR	RESPO	NDENCE ADDRE	ss							
X Customer Number: 24998			X Corresp	condence address below						
Name DICKSTEIN SHAPIRO MORIN	& OS	HINSKY LLP								
Thomas J. D'Amico										
Address 2101 L Street NW										
City Washington Sta	te	DC	Zip Cod	de 20037-1526						
Country US Tel	ephone	(202) 785-970	0	Fax (202) 887-0689						
Name (Print/Type) Thomas J. D'Amico		Registration No	o. (Attorney/Agen	t) 28.371						

Date

February 23, 2004

1733636 v1; 115_K01!.DOC

Signature

Date

February 23, 2004

PTO/SB/17 (10-03)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

		Complete if Known						
FEE TRANSMITTAL			Complete if Known Application Number Not Yet Assigned					
			Application Number					
for FY 2004			Filing Date Concurrently Herewi					
Effective 10/01/2003, Patent fees are subject to annual revision.		First Named Inventor Examiner Name			ntor	Jong W. Kim Not Yet Assigned		
X Applicant claims small entity status. See 37 CFR 1 27				Ivairie				
* pproduction of the control of the		Art Unit N/A						
TOTAL AMOUNT OF PAYMENT (\$) 425.00		Attorney Docket No.			0.	K5675.0034/P034		
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)						
Check X Credit Money Order Other None	3. ADDITIONAL FEES							
X Deposit Account:								
Deposit	Large Entity Small Entity							
Account 04-1073 Number	Fee Code	Fee (\$)	Fee			Fee Description	Fee Paid	
Deposit Dickstein Shapiro Morin &	1051	130	205		Cusabassa	a late Eliza for an eath		
Account Name Oshinsky LLP					_	e – late filing fee or oath		
The Director is authorized to: (check all that apply)	1052	50	205	2 25	sheet.	e – late provisional filing fee or cover		
X Charge fee(s) indicated below X Credit any overpayments		130	105	3 130	Non-Engli	ish specification		
X Charge any additional fee(s) or any underpayment of fee(s)		2,520	181:	2 2,520	For filing a	request for ex parte reexamination		
		920*	180		Requestin	ng publication of SIR prior to		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		1,840*	180		Examiner Requestin	ng publication of SIR after		
FEE CALCULATION	1805 1251	110	225	•	Examiner	action for reply within first month	 	
1. BASIC FILING FEE		420	225			for reply within second month	\vdash	
Large Entity Small Entity	1252 1253	950	225			for reply within third month		
Fee Fee Fee Fee Pee Paid Code (\$) Code (\$)	1254	1,480	225	4 740	Extension	for reply within fourth month		
1001 770 2001 385 Utility filing fee 385.00	1255	2,010	225	5 1.005		for reply within fifth month		
1002 340 2002 170 Design filing fee	1401	330	240		Notice of Appeal			
1003 530 2003 265 Plant filing fee	1402	330	240	2 165	Filing a brief in support of an appeal			
1004 770 2004 385 Reissue filing fee	1403	290	240	3 145	Request for oral hearing			
1005 160 2005 80 Provisional filing fee	1451	1,510	145			institute a public use proceeding		
SUBTOTAL (1) (\$) 385.00	1452	110	245			revive – unavoidable		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1501	1,330 1,330	245: 250		Petition to revive - unintentional Utility issue fee (or reissue)			
Extra Fee from	1502	480	250		Design iss	· ·		
Total Claims 9 -20** = x = 0.00	1503	640	250		Plant issue		ha	
Independent 1 3** = 0.00	1460	130	1460		· ·	to the Commissioner		
Claims	1807	50	180			g fee under 37 CFR 1.17(q)		
	1806	180	180			on of Information Disclosure Stmt		
Large Entity Small Entity Fee Fee Fee Fee Fee Code (\$) Code (\$) Fee Description	8021	40	802			each patent assignment per		
(4)	8021	40	802	1 40	property (t	times number of properties)	40.00	
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	9 385	Filing a submission after final rejection (37 CFR 1.129(a))			
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	0 385		For each additional invention to be		
1204 86 2204 43 ** Reissue independent claims	1801	770	280	1 385		examined (37CFR 1.129(b)) Request for Continued Examination (RCE)		
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20		900	1802	2 900	Request for expedited examination			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		of a design application Other fee (specify)						
SUBTOTAL (2) (\$) 0.00		*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00						
**or number previously paid, if greater; For Reissues, see above	,							
SUBMITTED BY						(Complete (if applicable))		
Name (Print/Type) Thomas J. D'Amico		ration No ey/Agent)		8,371		Telephone (202) 828-2232		

Signature

Docket No.: K5675.0034/P034

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Jong W. Kim et al.

Application No.: Not Yet Assigned

Confirmation No.: NYA

Filed: February 23, 2004

Art Unit: N/A

For: MASS PRODUCTION METHOD FOR THREE-

DIMENSIONAL MICRO STRUCTURE HAVING

HIGH ASPECT RATIO

Examiner: NYA

REQUEST TO UPDATE CORRESPONDENCE ADDRESS

MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Please update the PTO records to reflect that all communications and correspondence in connection with this matter should be directed to:

Thomas J. D'Amico Dickstein, Shapiro, Morin & Oshinsky LLP 2101 L Street., NW Washington, DC 20037-1526 Telephone: 202-828-2232

Facsimile: 202-887-0689

Dated: February 23, 2004

Respectfully submitted,

Thomas J. D'Amico, Registration No.: 28,371

DICKSTEIN SHAPIRO MORIN &

OSHINSKY LLP 2101 L Street NW

Washington, DC 20037-1526

(202) 785-9700